

NOTES ON KRONECKER SYMBOL AND ITS RELATION BY FACTORING PRIMES IN QUADRATIC FIELD

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Abstract

Let $R_{\mathbb{F}}$ be the ring of integers in the quadratic field $\mathbb{F} = \mathbb{Q}(\sqrt{m})$. In this paper, we study factoring primes in the quadratic field \mathbb{F} and then connect this by Kronecker symbol.

Keywords and phrases: factoring primes, quadratic field, Kronecker symbol.

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